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Bulletin No. 1032
Issue 3
June, 1939

TELETYPE

PRINTING TELEGRAPH SYSTEMS

PARTS

TABLES & MOTOR GENERATORS
(MODEL 12)



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BELL SYSTEM NOTE:

When ordering parts from this Bulletin,
each order should be followed by the
letter "B" in parentheses, in order to
indicate that these are to be secured
from the Teletype Corporation.

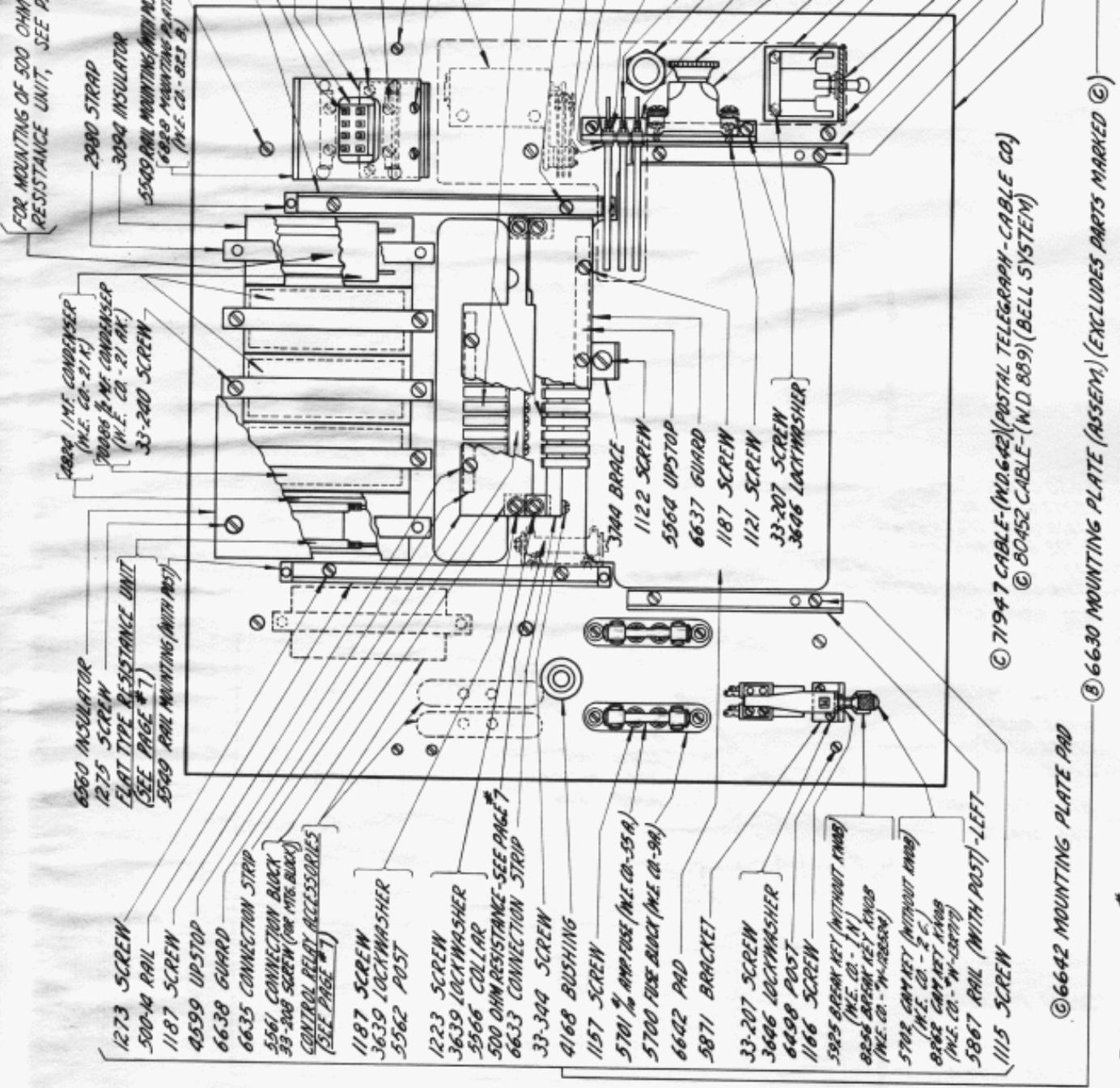


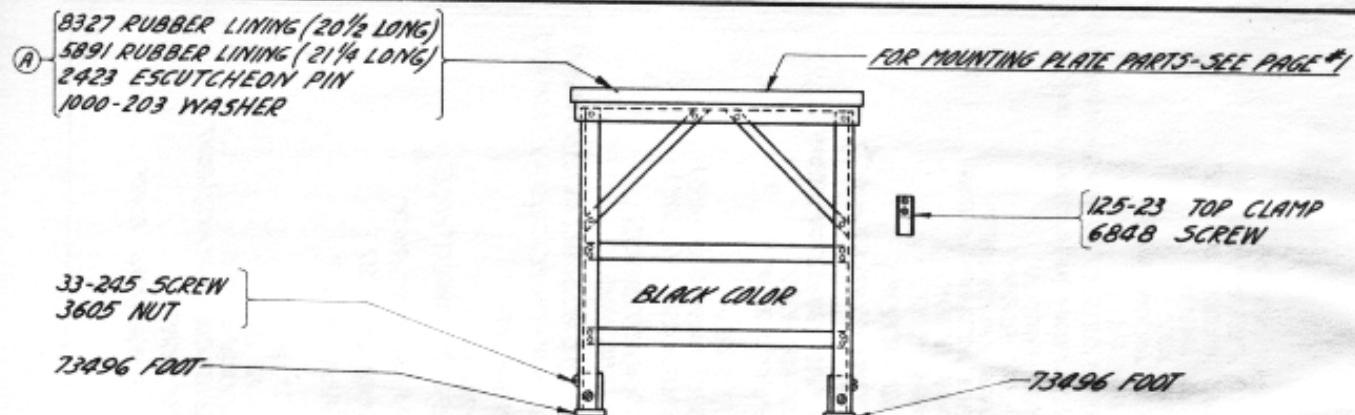
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FOR MOUNTING OF 500 OHM ROUND TYPE
RESISTANCE UNIT. SEE PAGE 7.

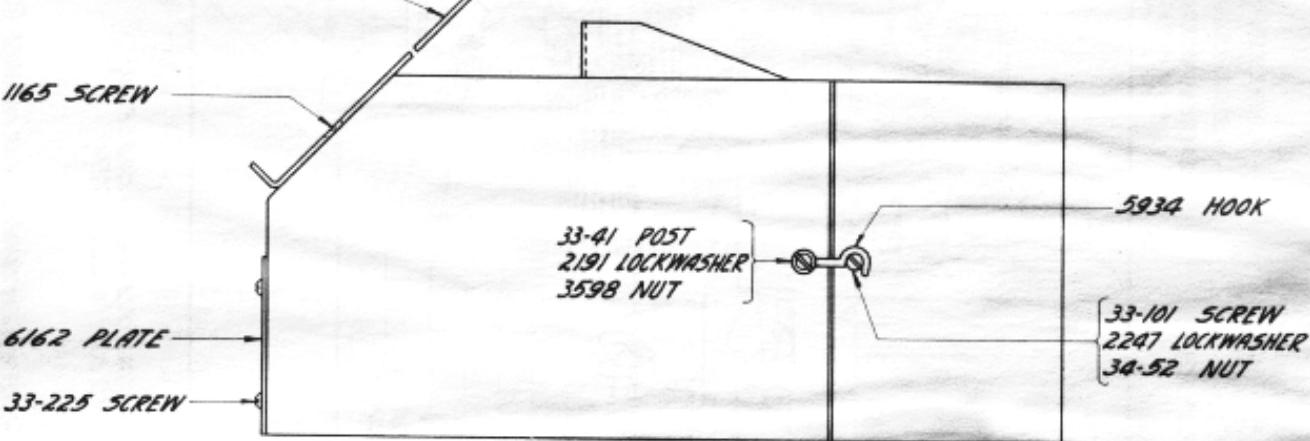




73490 TABLE FRAME (ASSEM.) - (WITH FEET AND CLAMPS)

(BELL SYSTEM 12A PRINTER STAND)
(DOES NOT INCLUDE PARTS MARKED ®)

6645 COPYHOLDER



6643 PRINTER-KEYBOARD COVER-(ASSEM.)-(WITHOUT 6162 PLATE)

(BELL SYSTEM 12A COVER)

6450 GLASS 15X2 1/8 X 1/8
72957 GLASS 15 X 4 1/8 X 1/8
77316 GLASS 17 1/2 X 4 1/8 X 1/8
70772 GLASS RAIL (FOR 6450)
77314 GLASS RAIL-RIGHT (FOR 72957 OR 77316)
77315 GLASS RAIL-LEFT (FOR 72957 OR 77316)

1072 THUMB-SCREW
2191 LOCKWASHER
3598 NUT

6645 COPYHOLDER

8974 POST
72144 STUD
2208 PIN

8778 COVER ARM
1165 SCREW

71646 NUT
7002 WASHER

6162 PLATE

70204 PAD RETAINER

33-225 SCREW

33-8 SCREW
34-66 NUT

8776 POST
3598 NUT
2034 WASHER
2208 PIN

6390 SCREW
8787 CRANK

1301 SCREW
71842 WASHER
2191 LOCKWASHER
34-48 NUT

6347 SCREW
71842 WASHER
2191 LOCKWASHER
34-48 NUT

8897 PLATE

71646 NUT
7002 WASHER

1300 SCREW

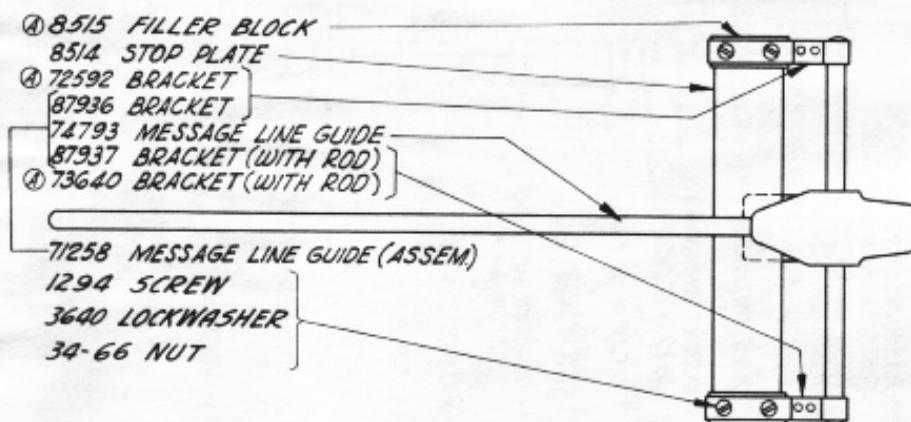
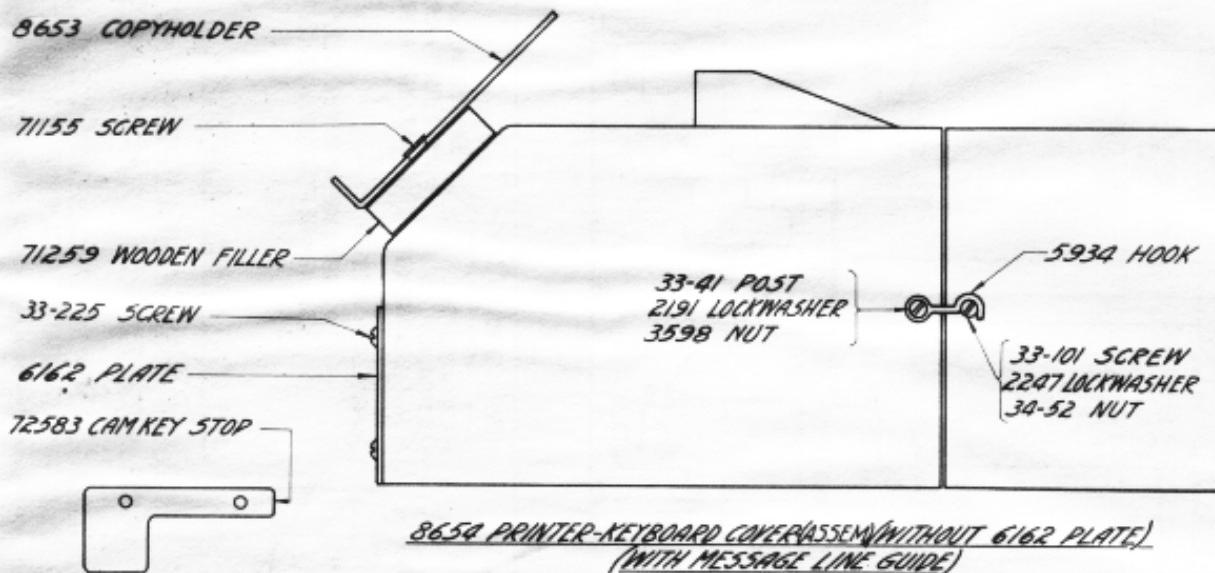
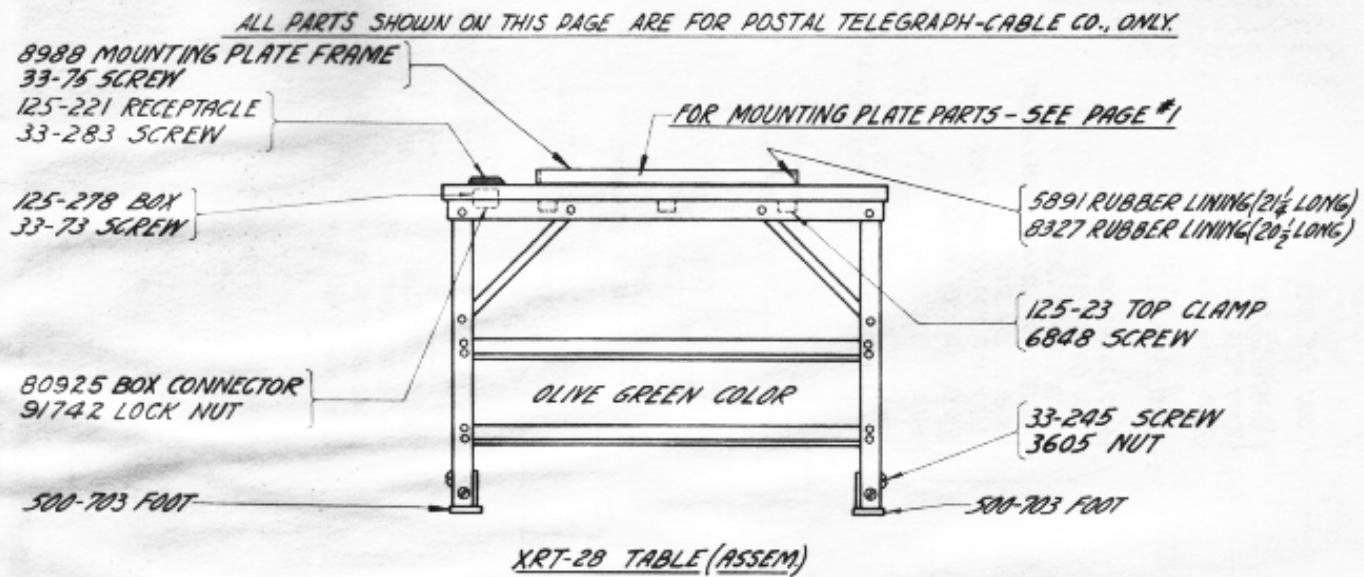
8990 PAD RETAINER

5734 PIN
5733 STUD

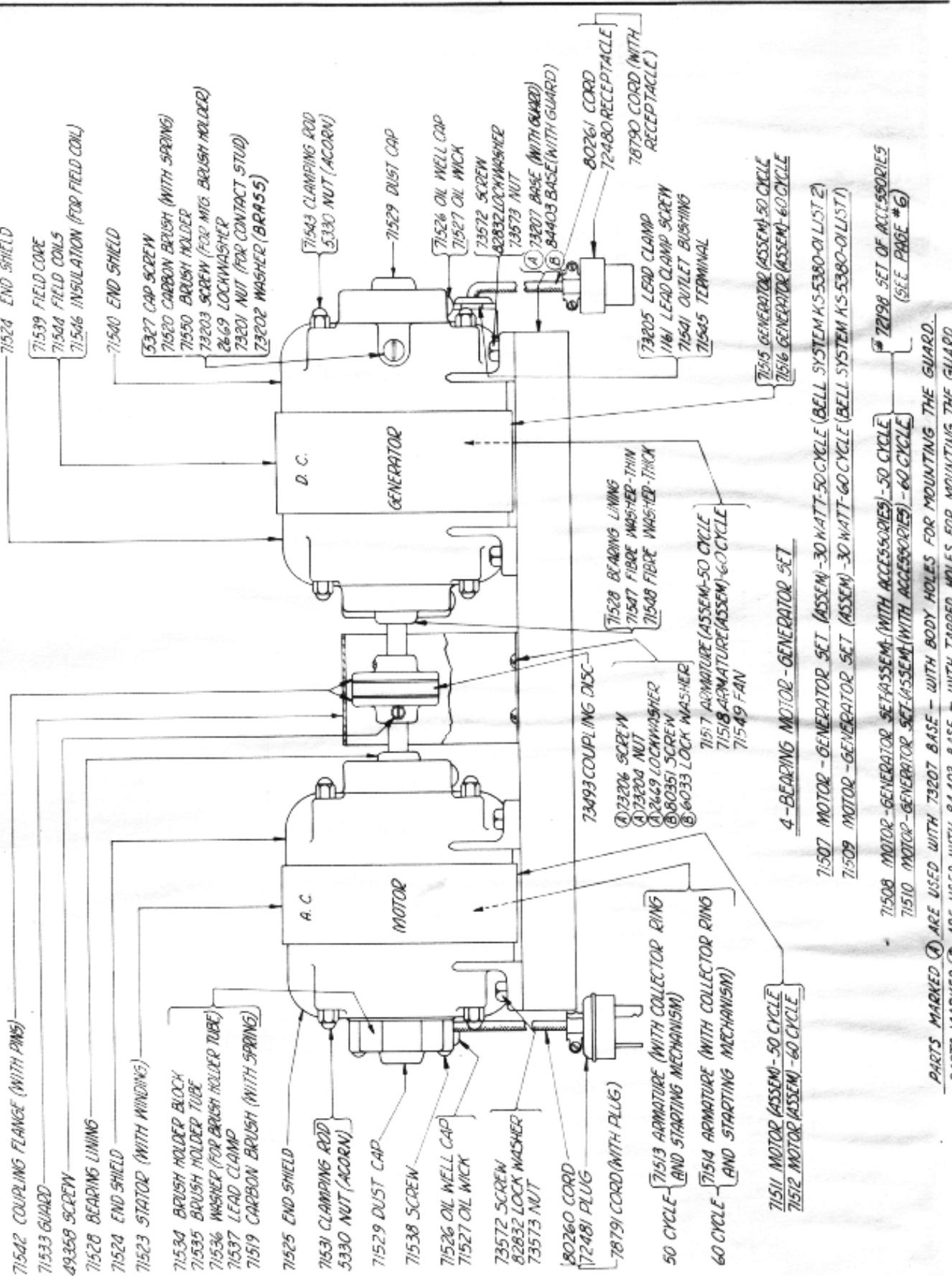
8791 PAD (FRONT & REAR TOP)
8792 PAD (BEVEL)
8793 PAD (REAR)
8794 PAD (LEFT SIDE)
8795 PAD (RIGHT SIDE)

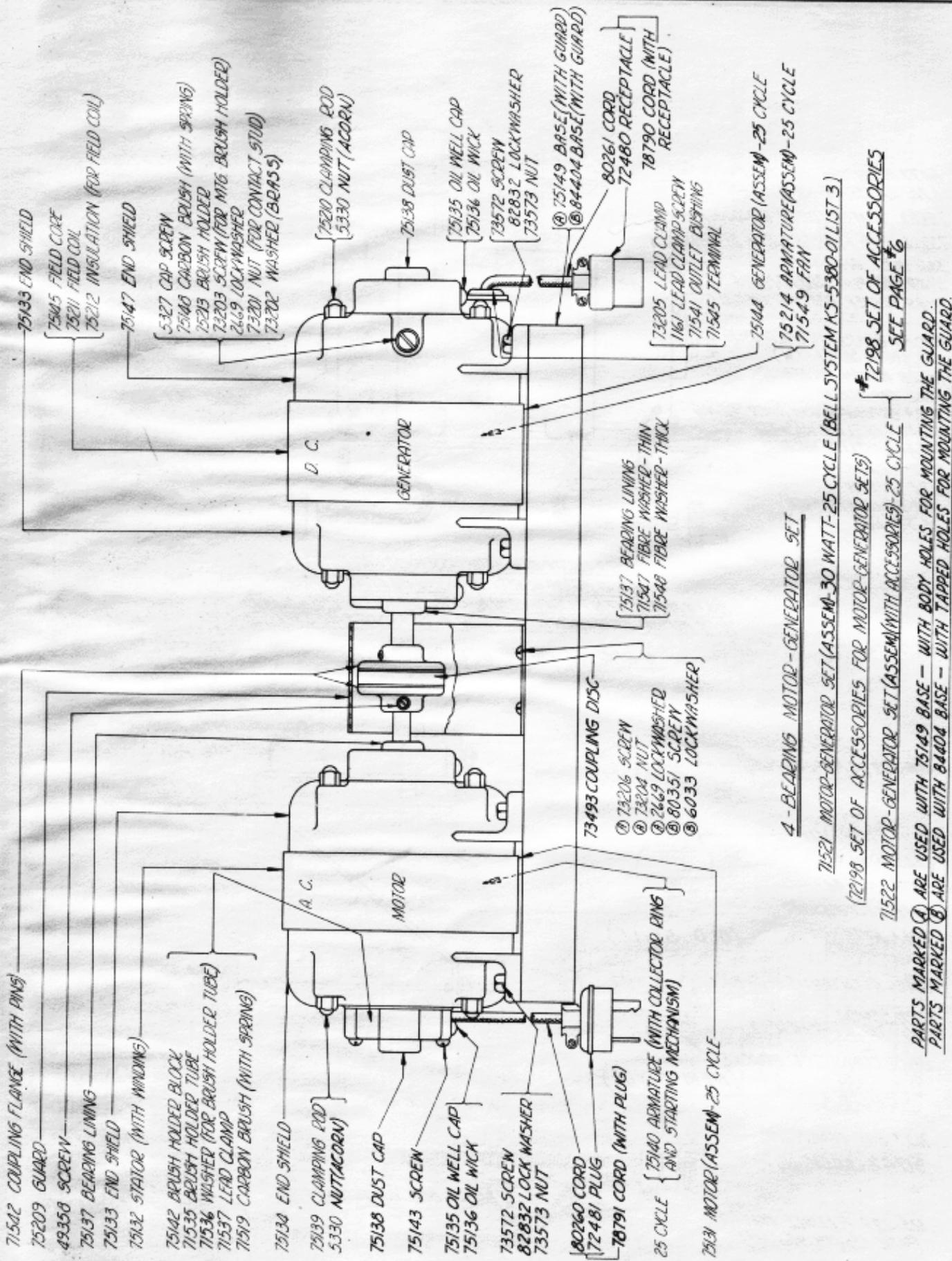
8899 PRINTER-KEYBOARD COVER-(ASSEM.)-(WITH CRANK)-(WITHOUT 6162 PLATE)

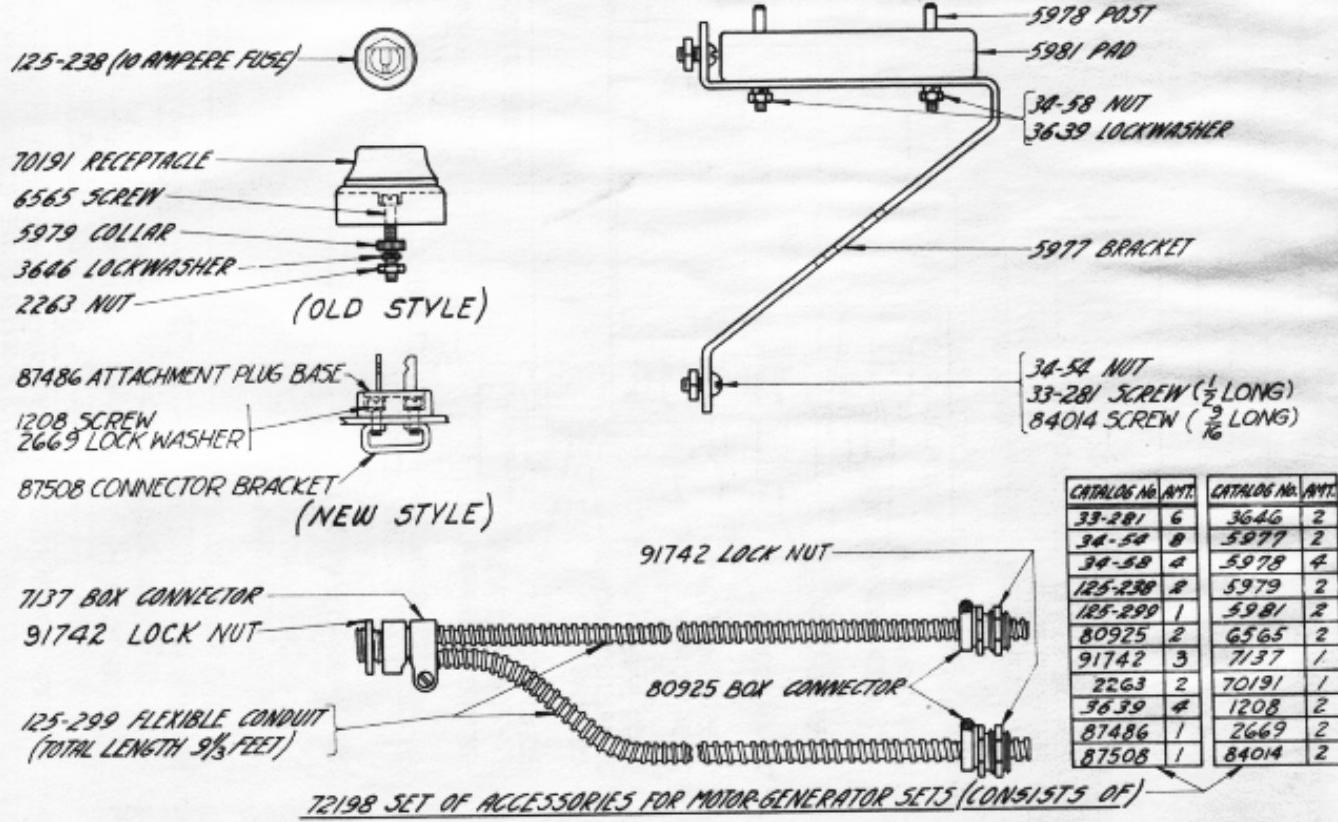
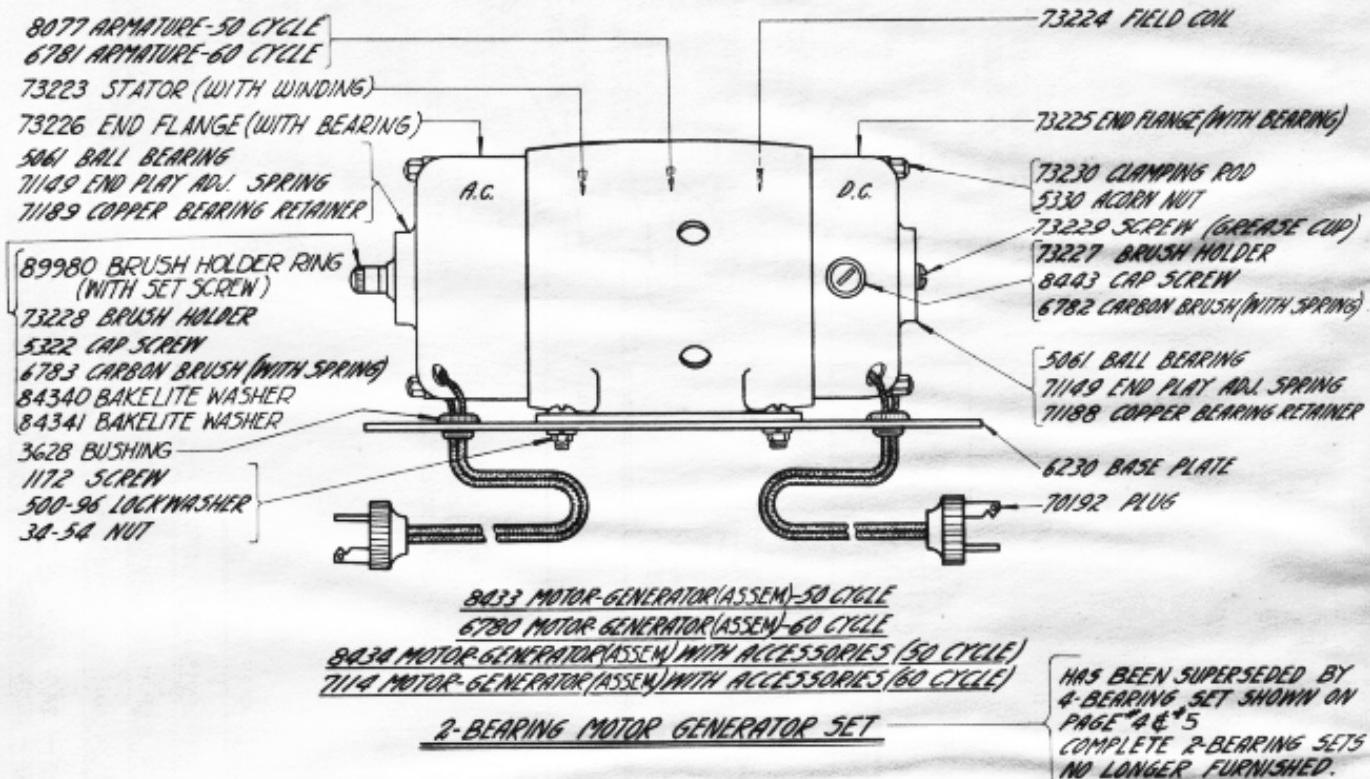
(BELL SYSTEM 125 COVER (ALSO USED BY POSTAL TELEGRAPH-CABLE CO.))

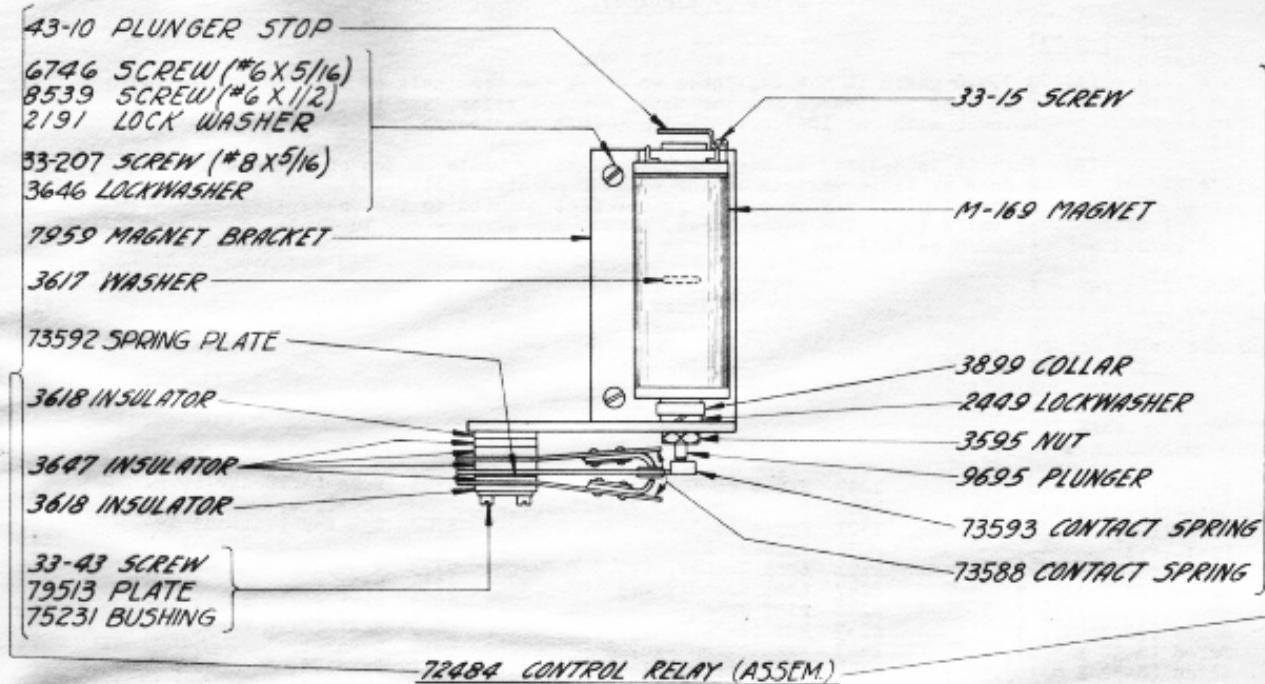


④ PARTS MARKED ④ ARE OLD STYLE PARTS, FURNISHED FOR MAINTENANCE ONLY. WHEN MESSAGE LINE GUIDE (ASSEM.) 71258 IS ORDERED, ONLY NEW STYLE PARTS WILL BE FURNISHED.

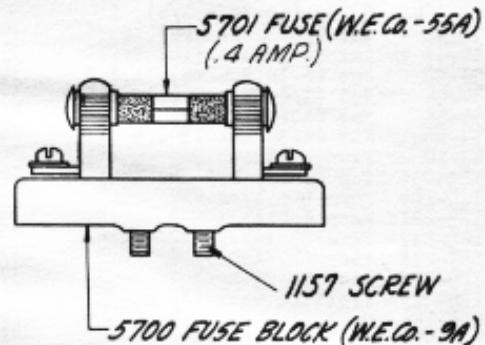
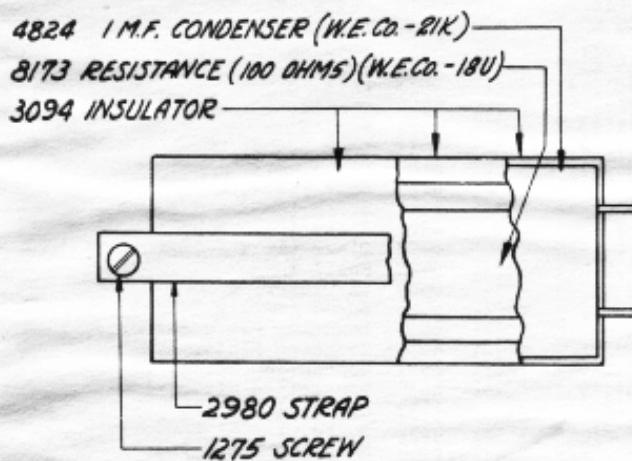








72484 CONTROL RELAY (ASSEM.)



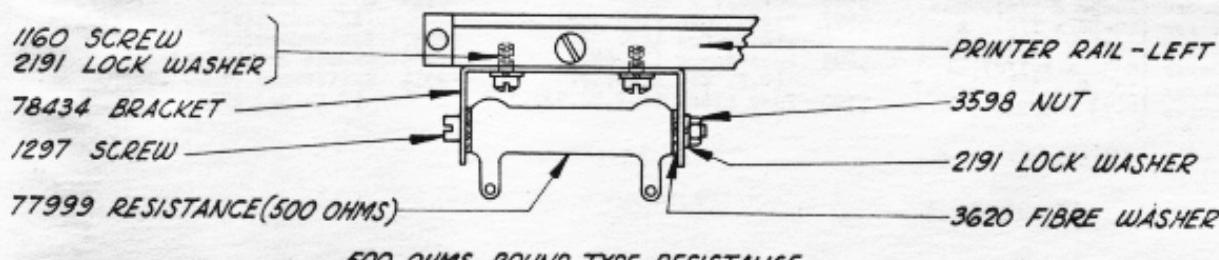
7113 CONTROL RELAY (ASSEMBLY) (WITH ACCESSORIES) (CONSISTS OF)

| FLAT TYPE RES. UNITS | | |
|----------------------|-------------|--------|
| OHM'S | CATALOG NO. | WEIGHT |
| 20 | 3778 | 185 |
| 30 | 5699 | 18J |
| 80 | 49513 | 18K |
| 100 | 8173 | 18U |
| 120 | 5697 | 18D |
| 150 | 3092 | 18F |

| FLAT TYPE RES. UNITS | | |
|----------------------|-------------|--------|
| OHM'S | CATALOG NO. | WEIGHT |
| 200 | 70616 | 18G |
| 250 | 3043 | 18AM |
| 300 | 71853 | 18AF |
| 500 | 5428 | 18AG |
| 600 | 5426 | 18AE |
| 1000 | 5427 | 18BM |

| FLAT TYPE RES. UNITS | | |
|----------------------|-------------|--------|
| OHM'S | CATALOG NO. | WEIGHT |
| 1510 | 70415 | 18DA |
| 2000 | 8015 | 18BA |
| 4000 | 70411 | 18FG |

| CATALOG NO. | AMT. |
|-------------|------|
| 1157 | 4 |
| 1275 | 2 |
| 2980 | 1 |
| 3094 | 3 |
| 4824 | 1 |
| 5700 | 2 |
| 5701 | 2 |
| 8173 | 1 |
| 72484 | 1 |



NOTES OF EXPLANATION

Page 1

- (A) A 77970 guard is now available to cover the terminals of the flat type resistance and the motor control relay, and is mounted with one 1069 screw and one 1073 thumbscrew.
- (B) When it is desired to use the 6630 mounting plate on top of a desk or table instead of the regular printer table, the mounting plate may be set on rubber feet mounted to the desk or table top. The rubber feet, screws and washers may be ordered as follows:

35503 Rubber Foot
33-72 Screw
41603 Washer

NUMERICAL INDEX

| | | | | | |
|----------|----------------------------|------|--|------|--|
| M-169 | Magnet, 7 | 1297 | Screw (6-40 Special), 7 | 5701 | Fuse (4/10 AMP)(W.E. Co. 55A), 1,7 |
| 33-8 | Screw {4-36 x 1/4}, 2 | 1300 | Screw (6-32 x 7/16), 2 | 5702 | Cam Key (Without Knob) (W.E. Co. 2C), 1 |
| 33-15 | Screw {2-56 x 1/8}, 7 | 1301 | Screw (6-32 x 3/8), 2 | 5733 | Stud, 2 |
| 33-41 | Post, 2,3 | 2034 | Washer, 2 | 5734 | Pin, 2 |
| 33-43 | Screw (2-56 x 3/4), 7 | 2191 | Lock Washer, 2,3,7 | 5867 | Rail (With Post) Left, 1 |
| 33-72 | Screw (#8 Wood), 8 | 2247 | Lock Washer, 2,3 | 5859 | Rail (With Post) Right, 1 |
| 33-73 | Screw (#6 Wood), 3 | 2248 | Pin, 2 | 5870 | Bracket, 1 |
| 33-75 | Screw (#8 Wood), 3 | 2263 | Nut (6-32 Hex.), 6 | 5871 | Bracket, 1 |
| 33-101 | Screw (6-32 x 3/8), 2,3 | 2423 | Escutcheon Pin, 2 | 5873 | Bracket, 1 |
| 33-207 | Screw (8-32 x 5/16), 1,7 | 2449 | Lock Washer, 7 | 5891 | Rubber Lining (21-1/4 Long), 2,3 |
| 33-208 | Screw (10-32 x 1/2), 1 | 2560 | Rubber Washer, 1 | 5925 | Break Key (Without Knob) (W.E. Co. 1N), 1 |
| 33-225 | Screw (6-32 x 3/16), 2,3 | 2669 | Lock Washer, 4,5,6 | 5934 | Hook, 2,3 |
| 33-240 | Screw (10-32 x 1-1/4), 1 | 2846 | Washer, 1 | 5961 | Bushing, 1 |
| 33-245 | Screw (5/16-18 x 1), 2,3 | 2980 | Strap, 1,7 | 5977 | Bracket, 6 |
| 33-255 | Screw (10-32 x 2), 1 | 3042 | Resistance (150 OHM) (W.E. Co. 18F), 7 | 5978 | Post, 6 |
| 33-281 | Screw (1/4-18 x 1/2), 6 | 3043 | Resistance (250 OHM) (W.E. Co. 18AM), 7 | 5979 | Collar, 6 |
| 33-283 | Screw (6-32 x 5/16), 3 | 3094 | Insulator, 1,7 | 5981 | Pad, 6 |
| 33-341 | Screw (6-32 x 9/16), 1 | 3595 | Nut (1/4-32 Hex.), 7 | 6033 | Lock Washer, 4,5 |
| 33-344 | Screw (10-32 x 3/4), 1 | 3598 | Nut (6-40 Hex.), 2,3,7 | 6162 | Plate, 2,3 |
| 34-41 | Nut (10-32 Square), 1 | 3605 | Nut (5/16-18 Hex.), 2,3 | 6230 | Base Plate, 6 |
| 34-48 | Nut (6-32 Hex.), 2 | 3617 | Washer, 7 | 6347 | Screw (6-32 x 3/8), 2 |
| 34-52 | Nut (6-32 Square), 1,2,3 | 3618 | Insulator, 7 | 6350 | Screw (6-40 x 3/16), 2 |
| 34-54 | Nut (1/4-18 Square), 6 | 3620 | Fibre Washer, 7 | 6450 | Glass (15 x 2-15/16 x 1/8), 2 |
| 34-58 | Nut (10-32 Hex.), 6 | 3628 | Bushing, 6 | 6498 | Post, 1 |
| 34-66 | Nut (4-36 Hex.), 2,3 | 3639 | Lock Washer, 1,6 | 6550 | Insulator, 1 |
| 43-10 | Plunger Stop, 7 | 3640 | Lock Washer, 3 | 6555 | Screw (8-32 x 1-1/4), 6 |
| 125-23 | Top Clamp, 2,3 | 3646 | Lock Washer, 1,6,7 | 6630 | Mounting Plate (Assem.), 1 |
| 125-184 | Fuse Block, 1 | 3647 | Insulator, 7 | 6631 | Mounting Plate, 1,8 |
| 125-221 | Receptacle, 3 | 3744 | Brace, 1 | 6633 | Connection Strip, 1 |
| 125-237 | Fuse (3 Amp.), 1 | 3778 | Resistance (20 OHM) (W.E. Co. 18S), 7 | 6635 | Connection Strip, 1 |
| 125-238 | Fuse (10 Amp.), 6 | 3899 | Collar, 7 | 6637 | Guard, 1 |
| 125-278 | Box, 3 | 4168 | Bushing, 1 | 6638 | Guard, 1 |
| 125-299 | Flexible Conduit, 6 | 4599 | Upstop, 1 | 6642 | Mounting Plate Pad, 1 |
| 500-14 | Rail, 1 | 4824 | 1 M.F. Condenser (W.E. Co. 21K), 1,7 | 6643 | Printer Keyboard Cover (Assem.) (Bell System 12A Cover), 2 |
| 500-96 | Lock Washer, 6 | 5061 | Ball Bearing, 6 | 6645 | Copyholder, 2 |
| 500-105 | Plate, 1 | 5322 | Cap Screw, 6 | 6746 | Screw (6-40 x 5/16), 7 |
| 500-205 | Connection Spring, 1 | 5327 | Screw (1/8-32 Special), 4,5 | 6780 | Motor Generator (Assem.) - 60 Cycle, 6 |
| 500-703 | Foot, 3 | 5330 | Nut (10-30 Acorn), 4,5,6 | 6781 | Armature - 60 Cycle, 6 |
| 1000-203 | Washer, 2 | 5426 | Resistance (600 OHM) (W.E. Co. 18AE), 7 | 6782 | Carbon Brush (With Spring), 6 |
| 1064 | Screw (6-32 x 1/4), 1 | 5427 | Resistance (1000 OHM) (W.E. Co. 18BM), 7 | 6783 | Carbon Brush (With Spring), 6 |
| 1069 | Screw (10-32 Shoulder), 8 | 5428 | Resistance (500 OHM) (W.E. Co. 18AC), 7 | 6827 | Connecting Block (W.E. Co. 18B), 1 |
| 1072 | Thumbscrew (6-40), 2 | 5429 | Switch, 1 | 6828 | Mounting Plate (W.E. Co. 823B), 1 |
| 1073 | Thumbscrew (6-40), 8 | 5513 | Rubber Collar, 1 | 6848 | Screw (#10 Wood), 2,3 |
| 1115 | Screw (8-32 x 1/4), 1 | 5549 | Rail Mounting (With Post), 1 | 6892 | Bracket, 1 |
| 1121 | Screw (10-32 x 3/8), 1 | 5561 | Connection Block, 1 | 7002 | Washer, 2 |
| 1122 | Screw (8-32 x 9/32), 1 | 5562 | Post, 1 | 7113 | Control Relay (Assembly) (With Accessories), 7 |
| 1157 | Screw (8-32 x 1/2), 1,7 | 5564 | Upstop, 1 | 7114 | Motor Generator (Assem.) (With Accessories) (60 Cycle), 6 |
| 1160 | Screw (6-40 x 3/16), 7 | 5566 | Collar, 1 | 7137 | Box Connector, 1,6 |
| 1161 | Screw (6-40 x 1/4), 4,5 | 5567 | Resistance (120 OHM) (W.E. Co. 18D), 7 | 7959 | Magnet Bracket, 7 |
| 1165 | Screw (8-32 x 1/4), 2 | 5699 | Resistance (30 OHM) (W.E. Co. 18J), 7 | 8015 | Resistance (2000 OHM) (W.E. Co. 18BA), 7 |
| 1166 | Screw (4-36 x 1/4), 1 | 5700 | Fuse Block (W.E. Co. 9A), 1,7 | | |
| 1170 | Screw (6-32 x 5/16), 1 | | | | |
| 1172 | Screw (2-56 x 5/16), 6 | | | | |
| 1187 | Screw (10-32 x 1/4), 1 | | | | |
| 1208 | Screw (10-32 x 5/8), 6 | | | | |
| 1223 | Screw (10-32 x 1/2), 1 | | | | |
| 1253 | Screw (8-32 x 3/8), 1 | | | | |
| 1273 | Screw (8-32 x 1-1/2), 1 | | | | |
| 1275 | Screw (10-32 x 1-1/2), 1,7 | | | | |
| 1294 | Screw (4-36 x 1/2), 3 | | | | |

| | | | | | |
|-------|---|-------|--|-------|---|
| 8077 | Armature - 50 Cycle, 6 | 71513 | Armature (With Collector Ring and Starting Mechanism) (50 Cycle), 4 | 73227 | Brush Holder, 6 |
| 8173 | Resistance (100 OHM) (W.E. Co. 18U), 7 | 71514 | Armature (With Collector Ring and Starting Mechanism) (60 Cycle), 4 | 73228 | Brush Holder, 6 |
| 8178 | Plug, 1 | 71515 | Generator (Assem.) - 50 Cycle, 4 | 73229 | Screw (Special), 6 |
| 8256 | Break Key Knob (W.E. Co. - W-128524), 1 | 71516 | Generator (Assem.) - 60 Cycle, 4 | 73230 | Clamping Rod, 6 |
| 8262 | Cam Key Knob (W.E. Co. - W-132717), 1 | 71517 | Armature (Assem.) - 50 Cycle, 4 | 73493 | Coupling Disc, 4,5 |
| 8327 | Rubber Lining (20-1/2 Long), 2,3 | 71518 | Armature (Assem.) - 60 Cycle, 4 | 73494 | Table Frame (Assem.) (Bell System 12A), 2 |
| 8433 | Motor Generator (Assem.) 50 Cycle, 6 | 71519 | Carbon Brush (With Spring), 4,5 | 73496 | Foot, 2 |
| 8434 | Motor Generator (Assem.) (With Accessories 50 Cycle), 6 | 71520 | Carbon Brush (With Spring), 4 | 73572 | Screw (1/4-24 x 1), 4,5 |
| 8443 | Screw (Cap), 6 | 71521 | Motor-Generator Set (Assem.) 30 Watt - 25 Cycle (Bell System) KS5380-01 List 3), 5 | 73573 | Nut (1/4-24 Hex.), 4,5 |
| 8514 | Stop Plate, 3 | 71522 | Motor Generator Set (Assem.) (With Accessories) (25 Cycle), 5 | 73588 | Contact Spring, 7 |
| 8515 | Filler Block, 3 | 71523 | Stator (With Winding), 4 | 73592 | Spring Plate, 7 |
| 8539 | Screw (6-32 x 1/2), 7 | 71524 | End Shield, 4 | 73640 | Contact Spring, 7 |
| 8653 | Copyholder, 3 | 71525 | End Shield, 4 | 74793 | Bracket (With Rod), 3 |
| 8654 | Printer-Keyboard Cover (Assem.)(Without 6162 Plate)(With Message Line Guide), 3 | 71526 | Oil Well Cap, 4 | 75131 | Message Line Guide, 3 |
| 8776 | Post, 2 | 71527 | Oil Wick, 4 | 75132 | Motor (Assem.) - 25 Cycle, 5 |
| 8778 | Cover Arm, 2 | 71528 | Bearing Lining, 4 | 75133 | Stator (With Winding), 5 |
| 8787 | Crank, 2 | 71529 | Dust Cup, 4 | 75134 | End Shield, 5 |
| 8791 | Pad (Front & Rear Top), 2 | 71531 | Clamping Rod, 4 | 75135 | End Shield, 5 |
| 8792 | Pad (Bevel), 2 | 71532 | Guard, 4 | 75136 | Oil Well Cap, 5 |
| 8793 | Pad (Rear), 2 | 71534 | Brush Holder Block, 4 | 75137 | Oil Wick, 5 |
| 8794 | Pad (Left Side), 2 | 71535 | Brush Holder Tube, 4,5 | 75138 | Bearing Lining, 5 |
| 8795 | Pad (Right Side), 2 | 71536 | Washer (For Brush Holder | 75139 | Dust Cap, 5 |
| 8799 | Paper Cutter, 2 | 71537 | Tube), 4,5 | 75140 | Clamping Rod, 5 |
| 8894 | Printer-Keyboard Cover (Assem.)(With Crank) (Without 6162 Plate) (Bell System 12S Cover), 2 | 71538 | Lead Clamp, 4,5 | | Armature (With Collector |
| 8897 | Plate, 2 | 71539 | Screw (10-30 x 1), 4 | | Ring and Starting |
| 8974 | Post, 2 | 71540 | Field Core, 4 | | Mechanism), 5 |
| 8988 | Mounting Plate Frame, 3 | 71542 | End Shield, 4 | | Brush Holder Block, 5 |
| 8990 | Pad Retainer, 2 | 71543 | Outlet Bushing, 4,5 | | Screw (10-32 x 1), 5 |
| 9695 | Plunger, 7 | 71544 | Coupling Flange (With | | Generator (Assem.) - |
| 35503 | Rubber Foot, 8 | 71545 | Pins), 4,5 | | 25 Cycle, 5 |
| 41663 | Washer, 8 | 71546 | Clamping Rod, 4 | | Field Core, 5 |
| 49358 | Screw (10-32 x 5/8), 4,5 | 71547 | Guard, 4 | | End Shield, 5 |
| 49513 | Resistance (50 OHM) W.E. Co. 18K), 7 | 71548 | Fibre Washer (Thin), 4,5 | | Carbon Brush (With Spring), 5 |
| 70086 | 1/2 M.F. Condenser (W.E. Co. 21AK), 1 | 71549 | Fibre Washer (Thick), 4,5 | | Base (With Guard), 5 |
| 70191 | Receptacle, 6 | 71550 | Fan, 4,5 | | Guard, 5 |
| 70192 | Plug, 6 | 71551 | Brush Holder, 4 | | Clamping Rod, 5 |
| 70204 | Pad Retainer, 2 | 71552 | Mut (6-32 Hex.), 2 | | Field Coil, 5 |
| 70411 | Resistance (4000 OHM) (W.E. Co. 18FC), 7 | 71553 | Washer, 2 | | Insulation (For Field |
| 70415 | Resistance (1510 OHM) (W.E. Co. 18DA), 7 | 71853 | Resistance, (300 OHM) (W.E. Co. 18AF), 7 | | Coil), 4 |
| 70416 | Resistance (200 OHM) (W.E. Co. 18G), 7 | 71947 | Cable (W.D. 642), 1 | | Bracket, 7 |
| 70772 | Glass Rail (For 6450), 2 | 72144 | Stud, 2 | | Insulation (For Field Coil), 5 |
| 71149 | End Play Adj. Spring, 6 | 72198 | Set of Accessories for Motor | | Glass Rail-Left (For 72957 |
| 71155 | Screw (6-32 x 1-1/4), 3 | 72480 | Generator Sets, 4,5,6 | | or 77316), 2 |
| 71188 | Copper Bearing Retainer, 6 | 72481 | Receptacle, 4,5 | | Glass Rail-Right (For 72957 |
| 71189 | Copper Bearing Retainer, 6 | 72484 | Plug, 4,5 | | or 77316), 2 |
| 71258 | Message Line Guide, 3 | 72583 | Control Relay (Assem.), 7 | | Glass Rail-Left (For 72957 |
| 71259 | Wooden Filler, 3 | 72592 | Cam Key Stop, 3 | | or 77316), 2 |
| 71507 | Motor-Generator Set (Assem.) 30 Watt, 50 Cycle (Bell System KS5380-01 List 2), 4 | 72957 | Bracket, 3 | | Glass Rail-Right (For 72957 |
| 71508 | Motor-Generator Set (Assem.)(With Accessories) (50 Cycle), 4 | 73201 | Glass (12 x 4-1/8 x 1/8), 2 | | or 77316), 2 |
| 71509 | Motor-Generator Set (Assem.) 30 Watt - 60 Cycle (Bell System KS-5380-01 List 1), 4 | 73202 | Nut (8-36 Hex.), 4,5 | | Glass Rail-Left (For 72957 |
| 71510 | Motor-Generator Set (Assem.) (With Accessories) (60 Cycle), 4 | 73203 | Washer (Brass), 1,4,5 | | or 77316), 2 |
| 71511 | Motor (Assem.) - 50 Cycle, 4 | 73204 | Screw (8-36 x 1/2), 4,5 | | Glass Rail-Right (For 72957 |
| 71512 | Motor (Assem.) - 60 Cycle, 4 | 73205 | Nut (10-30 Hex.), 4,5 | | or 77316), 2 |
| | | 73206 | Lead Clamp, 4,5 | | Glass Rail-Left (For 72957 |
| | | 73207 | Screw (10-30 x 1/2), 4,5 | | or 77316), 2 |
| | | 73208 | Base (With Guard), 4 | | Glass Rail-Right (For 72957 |
| | | 73223 | Stator (With Winding), 6 | | or 77316), 2 |
| | | 73224 | Field Coil, 6 | | Glass Rail-Left (For 72957 |
| | | 73225 | End Flange (With Bearing), 6 | | or 77316), 2 |
| | | 73226 | End Flange (With Bearing), 6 | | Glass Rail-Right (For 72957 |